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<p>(21) International Application Number: PCT/GB00/00521</p> <p>(22) International Filing Date: 17 February 2000 (17.02.00)</p> <p>(30) Priority Data: 9903474.6 17 February 1999 (17.02.99) GB</p> <p>(71) Applicant (for all designated States except US): UNIVERSITY OF NEWCASTLE [GB/GB]; 6 Kensington Terrace, Newcastle Upon Tyne NE1 7RU (GB).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): RAMSHAW, Colin [GB/GB]; 20 High View, Ponteland, Newcastle Upon Tyne NE20 9ET (GB). JACHUCK, Roshan, Jeet, Jee [IN/GB]; 10 Marcross Close, Abbey Farm, North Walbottle, Newcastle upon Tyne NE1 7RU (GB).</p> <p>(74) Agent: HARRISON GODDARD FOOTE; Tower House, Merrion Way, Leeds LS2 8PA (GB).</p>		<p>(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW. ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published Without international search report and to be republished upon receipt of that report.</p>
<p>(54) Title: ROTATING SURFACE OF REVOLUTION REACTOR WITH FEED AND COLLECTION MECHANISMS</p> <p>(57) Abstract</p> <p>A reactor including a rotatable disc (3) having a trough (13) in an upper surface (5) thereof. Reactant (15) is supplied to the trough (13) by way of a feed (4), the disc (3) is rotated at high speed, and the reactant (15) spills out of the trough (13) so as to form a film (17) on the surface (5). As the reactant (15) traverses the surface (5) of the disc (3), it undergoes chemical or physical processes before being thrown from the periphery of the disc (3) into collector means (7).</p>		